

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Serial No.
3 Filing Date
4 Inventorship Yu
5 Applicant Microsoft Corporation
6 Attorney's Docket No. MS1-1685US
7 Title: Low Complexity Real-time Video Coding

8 **INFORMATION DISCLOSURE STATEMENT**9 *References -- See Attached Form PTO-1449*10 **REMARKS**

11 The citations listed, copies attached, are submitted in compliance with the
12 duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make
13 these citations of official record in this application.

14 Respectfully Submitted,

15 Date: 9/9/2003

16 By: Keith W. Saunders
17 Keith W. Saunders
18 Reg. No. 41,462

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number			
		Filing Date			
		First Named Inventor Yu			
		Group Art Unit			
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number MS1-1685US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Video coding for low bit rate communication", Series H Audiovisual and Multimedia Systems, Infrastructure of audiovisual services-Coding of moving video, ITU-T Recommendation H.263, Telecommunication Standardization Sector of ITU, 02/98, 167 pgs.	✓
		"A new diamond search algorithm for fast block-matching motion estimation", Zhu et al., IEEE Transactions on image processing, Vol. 9, No. 2, Feb. 2000, pgs 287-290.	✓
		"A novel small-cross-diamond search algorithm for fast video coding and videoconferencing applications", Cheung et al., Department of Electronic Engineering, City University of Hong Kong, IEEE ICIP 2002, pgs 681-684.	✓
		"A Complexity-Bounded Motion Estimation Algorithm", Chimienti et al., IEEE Transactions on Image Processing, Vol. 11, No. 4, April 2002, pgs. 387-392.	✓
		"MPEG-4 Video Verification Model version 16.0", Fukunaga et al., ISO/IEC JTC1/SC29/WG11 N3312, March 2000/Noordwijkerhout, pgs 1-380.	✓
		"Video Compression Using Integer DCT", Chen et al., ECE Department, Boston University, IEEE 2000, pgs 844-845.	✓
		"Performance Enhancement of H.263 Encoder Based on Zero Coefficient Prediction", Yu et al., Computer Systems Laboratory, Stanford University, ACM Multimedia 97, Seattle, USA, Copyright 1997, pgs 21-29.	✓
		"Statistical Computation of Discrete Cosine Transform in Video Encoders", Sun et al., Journal of Visual Communication and Image Representation, Vol. 9, No. 2, June 1998, pgs 1-22(originally pp.163-170).	✓
		"On Improving MPEG Spatial Scalability", Domanski et al., Poznan University of Technology, Institute of Electronics and Telecommunications, Poland, IEEE 2000, pgs 848-850.	✓

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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